

Game 1

x	-1	0	1
$P(x)$	0.4	0.10	0.50

$$E(x) = \$0.10$$

Game 2

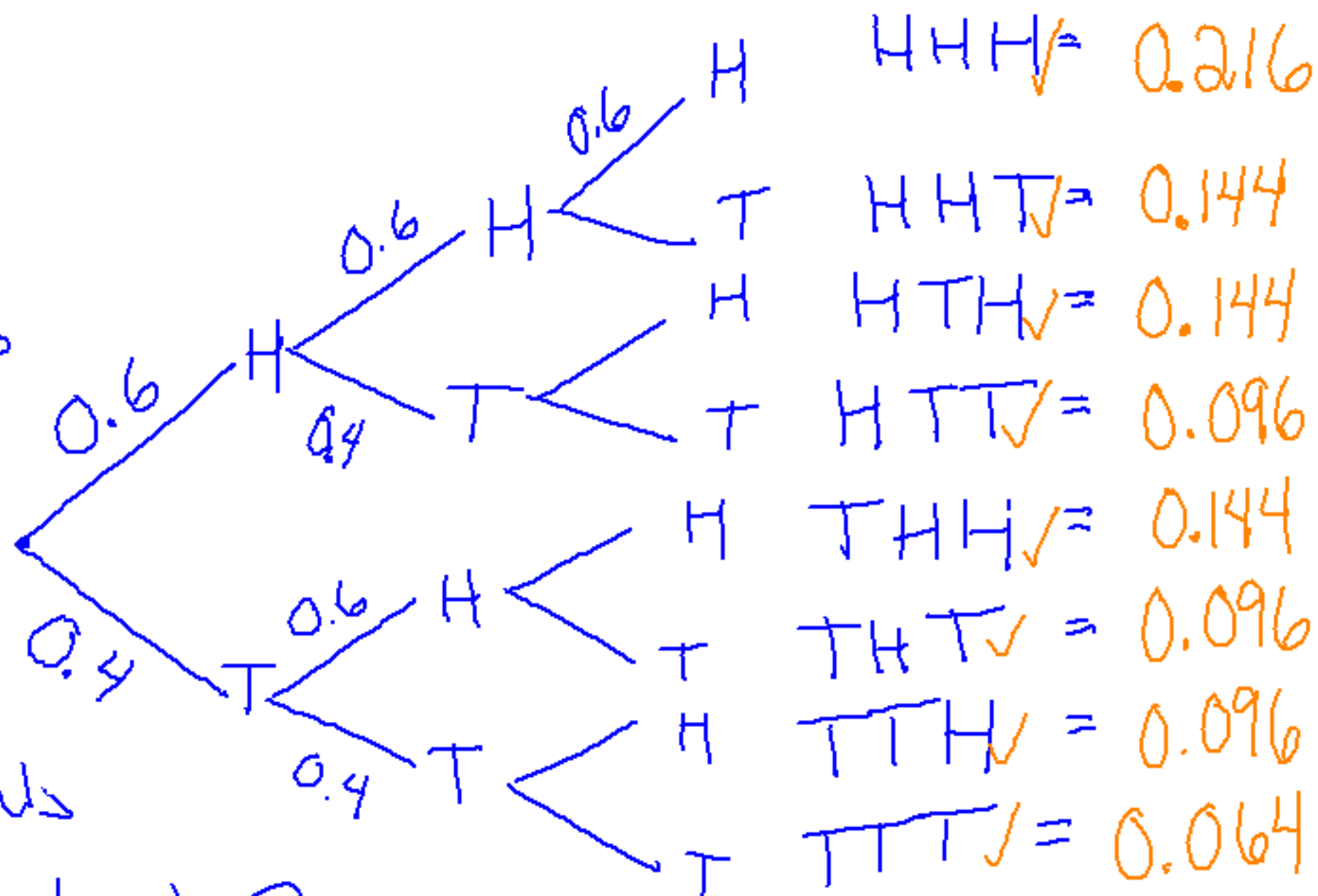
x	-1	0	1
$P(x)$	0.05	0.80	0.15

$$E(x) = \$0.10$$

$$P(H) = 0.60$$

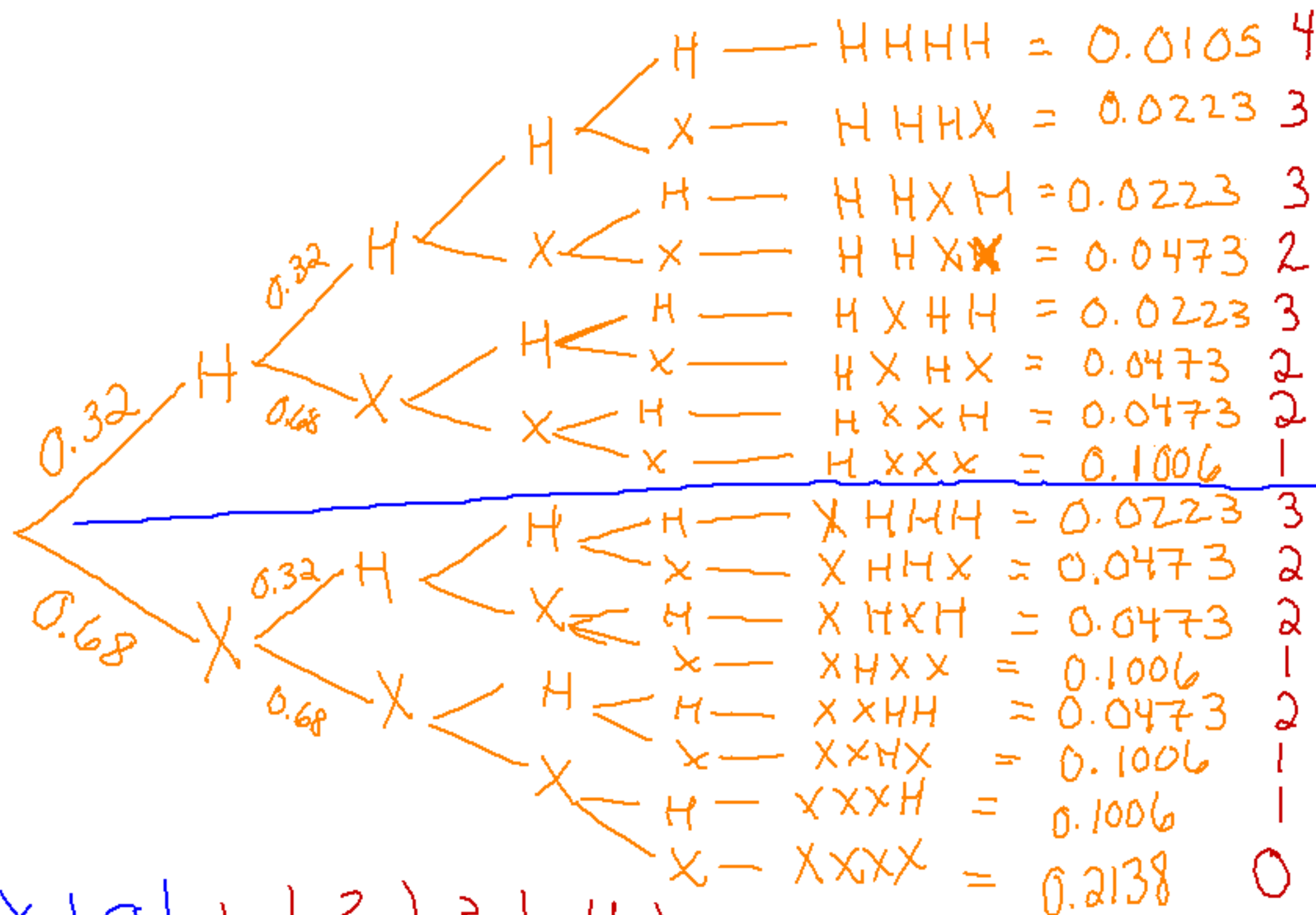
3 times

$X = \# \text{ heads}$



H out of 3 trials

X	0	1	2	3
$P(X)$	0.064	0.064 0.288	0.432	0.216



X	0	1	2	3	4
P(X)	0.2138	0.4024	0.2836	0.0892	0.0105

$$E(X) = 1.2796$$